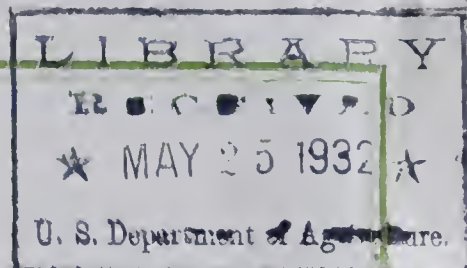


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Reasoner Brothers'

Royal Palm Nurseries



ONECO, FLORIDA

GREETINGS FOR 1932

We welcome this opportunity to send greetings again to those loyal friends and customers whose patronage has meant so much to us in years past. To those who have used our landscape service in the past, we are glad to advise that this service is still being continued, and if you have any new work of this kind in mind, or would like our plantsmen to check over existing material and advise as to cultural needs, or suggest additions or replacements where the original material has not quite fulfilled your expectations, we would be glad to be of service. Just say "when" and "where," and we'll be there to talk it over.

To those who are accustomed to visit us and make their purchases in person, we repeat our standing invitation to drive over and see us. We are constantly adding to our stock and equipment—particularly in the line of new, rare and unusual plants—and, even though you may have visited us recently, another trip is sure to bring out interesting items that you have not noticed previously.

To those whose only contact with us has been through our catalogs, we are sorry to say that inasmuch as the great majority of the catalog items are about like those listed in 1928 and again in 1930, we have felt it would be a needless expense to bring out another issue this season. If you have either of these issues, we can still supply most of the items listed. If you have misplaced your catalog entirely, we are sorry not to be able to send another, but if you will write us about any particular plants that interest you, we will be glad to quote by mail. If you have a copy of our 1928 or 1930 catalog which you are not using, we will be very glad to have it returned to us, and we will be glad to exchange plants for it to the value of fifty cents.

There are always new and rare items, however, which we have secured since the last catalog issue, and this year we believe we have an unusually large and interesting list to bring to your attention. It is therefore, to this purpose that the remaining pages of this pamphlet are dedicated.



Builders of Beauty





Crinum Cecil Howdysheii



Our Prize-Winning Exhibit at the South Florida Fair, Tampa, 1932



Bougainvillea Praetorius

NOVELTIES FOR 1932

THE introduction of new, rare and unusual plants has always been a specialty with our firm, and our record of achievement in that line a matter of considerable pride. Commencing in 1885, practically fifteen years before the United States Department of Agriculture commenced its work of plant-introduction, exchange arrangements were soon completed with all the then-known botanic gardens and nurseries in the tropics and subtropics around the world. From India, Java, Ceylon, Borneo, from Australia and the isles of the sea, from every nook and corner of the world, thousands of species were introduced and given trial under Florida conditions. Many of them, of course, failed, but from the successful immigrants have come such advanced contributions to the state and Nation's horticulture, as the Crimson Lake Bougainvillea, the Improved Guinea-type Guava, the common and well-known Asparagus sprengeri, and the newer Asparagus falcatus, the Crimson Crepe Myrtle, most of the improved types of Hibiscus and Oleanders, dozens of Palms and rare Shade Trees, the Foster and Thompson Pink Grapefruit, Cleopatra root stock, Rangpur Lime, Oneco Mandarin, Royal Grapefruit, and a host of other subjects of commanding importance in their own field.

With the advent of the Plant Introduction Service of the U. S. Department of Agriculture, and the subsequent curtailment and restrictions on importations by private parties, our own work has of necessity turned somewhat from quantity of new importations to quality, and to the dissemination of more general knowledge as to the desirable subjects already available. The insistent calls of a rapidly growing commercial demand for certain subjects also operated toward a reduction in experimental lines and a concentration of effort on those subjects for which the demand was greatest. That our interest in new subjects has not abated, however, is amply evidenced by our Mr.

E. N. Reasoner's (now deceased) frequent visits to California, to Europe, and recently to Australia and the islands of the Pacific.

It is impossible, of course, to list all of the many rare plants in our collection, even with the aid of our "Bulletin 'Z'" (copy free upon application), which is devoted to scarce, new, and interesting plants of which we have too few to list here or in the pages of our regular catalog. We suggest, therefore, that if you are interested in some particular item not listed here you write us about it, for we may quite likely have it, or certainly can get it for you.

PALMS suggest "Tropical Atmosphere" more than any other subject, and are therefore important features in every landscape. Ours is, we believe, one of the best collections in America. Refer to our previous catalogue for the commoner varieties.

ACOELORRHAPHE wrightii (Paurotis wrightii) * * * S. Fla. One of our native palms of which we may well be proud. An extremely beautiful fan palm of suckering habit like the Areca. Grows very vigorously in rich moist soil. Small pot plants 50c each, \$4.50 for 10. Large specimens priced on application.

ACROCOMIA sclerocarpa (A. aculeata) * * West Indies. Resembles the better known **A. totali**, but finer leaves with more pinnae. Nice young plants \$1 each, \$9 for 10.

ADONIDIA merrilli (Normanbya merrilli) * * * D. Philippine Islands. Somewhat resembles **Seaforthia** or **Hydriastele**. Small plants \$1 each. \$9 for 10. Larger sizes at \$1.50 and \$2.50 each.

ARECA aliciae * * D. Australia. Sent to us originally in 1913 under this name by the U. S. Department of Agriculture. Botanists now refer it to several other genera but we shall continue to catalog it under the old name until the matter is definitely settled. An exceptionally fine new subject that shows some signs of hardiness. Carries more leaves for its size than almost any other palm we know. Somewhat suggests **Cocos plumosa** but dwarfer and heavier. Small plants \$1.50 each; larger \$2.50 each.

CARYOTA mitis (C. sobolifera) * * * D. Burma. The "suckering Fish-tail Palm." A finer indoor decorative plant than the better known **Caryota urens**, in fact one of the most decorative house plants we know. Formerly very scarce but we have succeeded in building up a large stock in all sizes. Small pot plants 50c each, \$4.50 each, \$4.50 for 10, \$35 for 100. Larger at \$1, \$1.50, \$2.50 and \$3.50 each. Tub specimens at \$5 and \$7.50 each.

COCOS hybrida. * One of the most interesting developments that have shown up in recent years. Apparently a natural hybrid between **Cocos plumosa** and one of the dwarf "Hardy Cocos" of the **australis** type. Foliage and growth intermediate between the two forms but dark green not glaucous. Will, possibly extend the range of usefulness of the **Cocos plumosa**, which it resembles, to North Florida or farther where that subject is not sufficiently cold resistant. A very limited number of plants 3-4 ft. high at \$5 each.

DAEMONOROPS fissus * * * D. Malay. Very interesting as a representative of the climbing palms from which comes the Rattan Canes. Very decorative as small pot plants and most interesting as conservatory specimens. Small plants at \$1.50 each; larger, \$2.50 each.

DIOON edule. * * D. Mexico. A very rare cycad and difficult to obtain. Very slow in growth it takes some time to grow real specimen plants. Small seedling plants \$3.50 each.

GUILIELMA speciosa (Bactris gasipaes) * * * D. Lower Amazon Valley. A very spiny, quick growing tropical palm ultimately reaching 70 feet in height. Quite rare in the United States. Small plants \$1.50 each; larger at \$2.50 and \$3.50 each.

G. utilis * * * D. Costa Rica. The "Pejibaye Palm." In parts of Central America the fruit is almost as valuable as the Date is to the Arabs. A tall, graceful, spiny palm with pinnate leaves. Small pot plants \$1.50 each; larger, \$2.50 each.



Sagisi Palm, Heterospatha elata

HETEROSPATHE elata. Sagisi Palm. * * * D. Philippines. Listed in our regular catalogs, we mention it again because of its exceeding beauty and desirability. One of the finest decorative palms in existence as may be judged from the fact that in the recent Palm Beach Flower Show (1932) a specimen of this subject won the sweepstakes prize as the finest palm in the show! Small pot plants 50c each, \$4.50 for 10, \$35 for 100. Larger at \$1 and \$2 each.

HYDRIASTELE wendlandiana * * * D. Queensland. There is considerable argument at present whether this name is correct or whether it should be referred to **Ptychosperma** or **Archontophoenix**, but we will carry it under this name until the matter is more definitely settled. A slender-trunked pinnate-leaved palm with the ends of the pinnae jagged at the end somewhat after the fashion of the fish-tail palm. A fine decorative plant for conservatories and useful in landscape work for patios and other situations where a tall growing slender palm is necessary. Small pot plant at 50c each, \$4.50 for 10. Larger at \$1, \$1.50, \$2.50 and \$3.50. Tub specimens at \$5 each.

LIVISTONA altissima * * * D. Java. One of the most beautiful of all fan palms. Smaller and more decorative than the better known **L. chinensis**. Small plants 1.50. Larger \$2.50. Tub specimens \$5 each.

L. australis (*Corypha australis*) * Australia. Quite different from the other Livistonas, the leaf segments being divided more than half their length nearly to the base. Reputed to be very cold resistant and therefore of interest in the northern part of the State. Strong young plants \$1.50 each; larger \$2.50.

MACROZAMIA spiralis * * * D. Australia. Another rare Australian Cycad, smaller and more decorative than the **M. Dennisonii** which we introduced some years ago. Small plants \$2 each. Larger \$3.50.

PHOENIX leonensis * * D. Africa. A vigorous growing larger trunked form of **Ph. reclinata**. Small plants 50c each, \$4.50 for 10.

P. Pumila. * * India. Somewhat suggests **Ph. Canariensis** but longer drooping leaves with smaller pinnae. Small plants 50c. \$4.50 for 10.

P. tomentosa. * * A Horticultural form of which little is known as yet. Small plants, 50c each, \$4.50 for 10.

PSEUDOPHOENIX sargentii. * * * D. So. Fla. The "Hog Palm" of the Florida keys. Somewhat resembles the Royal Palm to which it is distantly related, but smaller and slower growing. A fine palm which should be better known. Small plants 50c each, \$4.50 for 10.

PTYCHOSPERMA augusta. * * * D. A rare palm of which little is known, and even the name may be incorrect, but evidently will make quite decorative specimens. Small plants \$1 each; larger \$2.

SABAL exul * Mexico. A Mexican Palmetto reputed to be quite hardy and very ornamental. Small plants, 50c each.

S. mauritiaeformis. * * West Indies. One of the finest of the giant sabals. Quick growing on good damp soil. The under side of the leaves, particularly in young plants, is quite glaucous, from which comes the synonym **S. glaucescens**. Small plants 50c each, \$4.50 for 10.

SEAFORTHIA elegans. * * * Australia. For several years the question of the proper name of the Palm commonly known as **Seaforthia** has been in question, some botanists referring it to **Ptychosperma**, and others to different genera. We have, however, been carrying it under the commonly known name until we had more definite information. We have, now, however, a limited quantity of another palm from the U. S. Department of Agriculture reputed to be the true **Seaforthia elegans**. In any event it seems quite distinct from the old form, more resembling **Hydriastele**. Nice strong young plants \$1.50 each. Be sure to mark your order for the "True Seaforthia."

THRINAX wendlandiana * * D. Thatch Palm. Cuba. A larger faster grower than the better known **T. argentea** which we have catalogued for years, and a brighter darker green. Young plants \$1 each, \$9 for 10.

WASHINGTONIA filifera. * Thatch Palm. Mexico. Distinguished from the well known **W. robusta** by its glaucous leaves and more abundant leaf threads. Forms a stouter trunk at maturity and is a slower grower. Strong pot plants \$1 each.

ZAMIA pumila * D. Coontie. This is the broader leaved of the two Florida species, and usually considered the most decorative. According to Bailey, the other species, which we have been cataloging as **Zamia integrifolia** should really be called **Z. floridana**. Seedlings from open ground, 25c each, \$2 for 10, \$15 for 100. Small pot plants 35c each, \$3 for 10, \$25 for 100.



Areca alicae

SHADE TREES

Shade trees are an important part of any landscape, and our collection of varieties very complete. Only the newer sorts can be shown here, and for the more common varieties we refer you to our previous catalogs.

ACACIA auriculiformis. T. A quick-growing shade tree becoming very popular in the Miami District. Leaves like **A. longifolia**, but even larger and longer. Young pot plants 50c each, \$4.50 for 10.

ADENANTHERA pavonina. Red Sandalwood Tree. T. Asia. This beautiful evergreen shade tree has pinnate foliage and white and yellow flowers in axillary spikes. Produces the "Circassian Beans" used for necklaces. Small plants, 50c each, \$4.50 for 10, \$40 per 100.

BUCIDA buceras. Black Olive. T. A fast-growing ornamental shade tree becoming quite popular on the Florida East Coast. Strong young plants, \$1 and \$1.50 each.

CASTANOSPERMUM australe. ST. Moreton Bay Chestnut. A fine evergreen flowering shade tree much used for street planting in Australia, and sure to be popular here when better known. Flowers orange and yellow along the branches on the inside of the tree in early Spring. Strong pot plants \$1.00 each, boxed plants \$1.50 each; tubs, \$2.50 each.

CASUARINA stricta (C. Quad-rivalvis) ST. This species is entirely different from the variety formerly catalogued under this name, which is evidently merely a form of **C. Cunninghamiana** though listed as **C. stricta** in the California catalogs. The true **C. stricta** is a much lighter colored, longer leaved tree, more like our **C. glauca** listed previously. Rather than as a pot plant, it makes a vigorous tree when planted out and should prove useful for wind-breaks and street plantings. Priced, like all our Casuarinas, as follows:



Castanospermum

	each	10	100	1000
2-in. pots 12-18 in. high	.15	\$1.25	\$10.00	\$ 80.00
2 1/4 & 3-in. pots 2-3 ft. high	.25	2.00	15.00	125.00
4-in. pots 3-4 ft. high	.35	3.00	25.00	200.00
Gallon cans 4-6 ft. high	.75	6.00	50.00	----
Field-grown plants at \$1.50, \$2.50, \$3.50, \$5.00 and up.				

DILLENIA indica. T. Tropical Asia. Shapely tree with stout trunk and large rough leaves, giving dense shade. Flowers large and showy, fully nine inches across, with numerous stamens forming a large yellow cluster in center. A very showy subject, related to magnolia. Strong plants, \$1 each, \$9 for 10.

EUCALYPTUS citridora. ST. Lemon Gum. An interesting eucalypt with lemon-scented foliage from which a valuable essential oil is distilled for perfumery and soap-making. Young plants 25c each, \$2 for 10; larger, 35c each, \$3.00 for ten.

KIGELIA pinnaia. Sausage Tree. T. Ornamental tree bearing curious, sausage-shaped fruit. Nice plants, \$1 each.

PELTOPHORUM ferrugineum (*Baryxylum inerme*). T. Tropics. A tall, pinnate-leaved tree belonging to the same tribe as the Poinciana, but bearing immense panicles of golden yellow flowers. The foliage is a darker green than the Poinciana and very beautiful. Strong young plants, 50c each; \$4.50 for 10.

PITHECOLOBIUM lanceolatum. S. T. A smaller tree than the well-known **P. dulce**, and slower growing, but remarkable for its much larger and showier fruit pods showing brilliant scarlet and black. Free blooming, over a long period of time. The best of the genus. Young pot plants 50c each; \$4.50 for 10.

PLEIOGYNIUM solandri. H. Burdekin Plum. A new tree recently introduced from Queensland by the Department of Agriculture. Has proven remarkably cold-resistant, and will make an excellent tree for street plantings when better known. Foliage resembles the black walnut, but it is evergreen and not deciduous. Young pot plants 50c each; \$4.50 for 10; boxes, \$1 each, \$9 for 10; tubs, \$2.50 each.

PONGAMIA pinnata. Pongam. T. A quick-growing, handsome evergreen tree, eventually reaching 40 feet in height. Strong young plants, 50c each, \$4.50 for 10.

SYZYGIVM smithii. T. A very quick-growing, large-leaved shade tree, related to the Eugénias. Strong young plants, 50c each, \$4.50 for 10; boxes, \$1 each, \$9 for 10.

TECOMA argentea. A grand new introduction of the U. S. Department of Agriculture. Very coarse, glaucous leaves. The tree is not particularly ornamental itself, but bears a wondrous profusion of golden yellow flowers in the early Spring. Strong young plants 50c each, \$4.50 for 10; heavier, \$1.00 each.

TRIPLARIS americana. A new tree from Central America, said to be very choice and showy. Young plants 50c each, \$4.50 for 10.

GRASSES AND GROUND COVERS

The always-important question of grasses and ground-covers has received considerable attention lately and we are pleased to be able to offer a number of new subjects. Please refer to our old catalogs for the more common varieties.

Note: The price on Centipede Grass, as shown in previous catalogs, has been reduced to the following: \$2.50 per bushel; \$2 per bushel in 5-bu. lots; \$1.75 per bu. in lots of 25 bu. up. Write for special prices on large quantities.

VELVET GRASS—ZOYSIA TENUIFOLIA

This grass is becoming very popular in Hawaii and is arousing considerable interest in California at the present time. When more planting stock is available it is sure to become very popular. Forms a beautiful turf resembling the northern red fescue. A native of the Mascarene Islands it was introduced from Guam in 1912. The name "Velvet grass" is very appropriate as it looks like dark green velvet. It grows so thickly that it will smother out any other grass, even Bermuda, and yet there is no danger of its becoming a pest as it does not set seed and spreads naturally only very slowly. It needs little water, and no cutting, as it never gets tall or long. It is so fine that it may be pulled into thousands of pieces to the square foot, and every little piece will grow. A small quantity therefore will plant a large area. **Price:** \$3.50 per square foot.

Especially useful also for planting in the cracks of paved terraces and between stepping stones.

We have also a small quantity of two other Zoysias for trial. *Zoysia japonica*, Korean lawn grass, hardy as far north as Connecticut, and *Zoysia matrella*, Manila Grass, hardy only in Florida and the Gulf States. We can supply only small quantities at 25c per clump.

DICHONDRA species. A round-leaved little ground-cover spreading rapidly and eventually making a thick mat which will completely cover the ground. Prefers shady places, but must have ample moisture. Small plants in 2-in. pots, 75c per doz.; \$5 per 100. Sod, \$2.50 per sq. ft.

WEDELIA triloba. T. Very popular on the Florida East Coast where it is used as a ground cover on the famous Deering Estate. Grows up about 12 to 15 inches high. Does well in both sun and shade and is not particular as to soil. Two-in. pot plants, 75c per doz.; \$5 per 100; cuttings only, unrooted, \$2 per 100; \$15 per 1,000.

FLOWERING PLANTS AND SHRUBS

ACANTHUS montanus. T. Bear's Breech. A spiny, ornamental shrub with very decorative leaves, very useful as formal specimens or in obtaining contrast with other foliage in landscape work. Showy spikes of rosy white flowers. Strong pot plants \$1 each, \$9 for 10.

BRUNSFELSIA americana. T. Central America. An easily grown and attractive shrub attaining a height of 4 to 6 feet. Much prized for its fragrant white flowers, which turn yellow with age. Very free-flowering. Nice young stock, 35c each, \$3 for 10, \$25 for 100.

COCCULUS laurifolius. H. Himalayas. New, large-leaved evergreen with laurel-like foliage. Fine. Strong pot plants, 75c each, \$6.50 for 10.

CROTONS. We are constantly adding to our collection of these wonderful foliage plants, and believe now we have one of the best collections in the State. Write for our "Croton List" giving full descriptions and prices. We have some splendid new sorts, being sent out this year for the first time.

EUONYMUS species. H. A new species of Euonymus recently introduced by the Department of Agriculture. A very dwarf, dark-green, compact grower, making an excellent subject for edgings for beds or walks. Nice young pot plants, 15c each, \$1.25 for 10, \$10 for 100.

FEIJOA sellowiana. Feijoa. H. A hardy evergreen shrub with gray-green foliage and lovely pinkish purple flowers very freely borne, followed by very fragrant spicy fruit. Strong seedling pot plants, 50c each, \$4.50 for 10.

GUAIACUM officinale. T. Lignum-vitae. A lovely shrub, native on our Florida Keys, that should be more commonly used in landscape work. Very compact, thick grower of medium size, and beautiful blue flowers. Small pot plants, 35c each, \$3 for 10, \$25 for 100.

HOLMSKIOIDIA sanguinea. ST. Himalaya. A new and handsome scandent shrub bearing a profusion of orange-red flowers. Nice young plants in pots, 50c each, \$4.50 for 10.

IXORA flores-lutea. T. Not new but always very scarce. This is the first time we have been able to offer this splendid clear yellow Ixora in several years. Nice young pot plants, \$1 each, \$9 for 10.

JACOBINIA ghiesbreghtii. T. An orange-flowered shrub, practically always in bloom. Quick growing, it reaches heights of five to eight feet. Nice young pot plants 25c each, \$2 for 10.

MALPIGHIA coccigera. T. West Indies. A charming little shrub with small, glossy green, prickly leaves resembling holly, and bright pink flowers followed by scarlet berries. Fine for a very dwarf hedge. Strong plants, 4-in. pots, 50c each, \$4.50 for 10, \$40 per 100.

PITTOSPORUM viridiflorum. S. T. This is a splendid new addition to the Pittosporum family. Taller and faster growing, and larger leaves than the well known P. Tobira. Strong pot plants 75c each, \$6.50 for 10. Heavier, in boxes, \$1.25 each, \$10 for 10.

PODOCARPUS elongatus ST. "Fern Pine." A splendid introduction from California. The foliage is fine and feathery and the whole plant very graceful. Very useful in landscape work, it is also one of the finest decorative subjects available for tubbed plants for indoor decoration. Strong young pot plants

at \$1 each, \$9 for 10; heavier, \$2 each. Tub plants at \$3.50, \$5.00 and \$7.50.

P. nagi. ST. Another new Podocarpus, this time of Japanese origin. The leaves are shorter and broader than the well-known *P. sinensis*, but apparently the plant will have somewhat similar uses in landscape work. Small pot plants 50c each, \$4.50 for 10; heavier, \$1 each, \$9 for 10.

NEW DOUBLE POINSETTIA—Henriette Ecke

This splendid novelty is the finest thing that we have ever seen in the way of a poinsettia. The old-fashioned double Poinsettia was a lovely thing with its extra bracts in the center of the "flower," but it was always late and seldom well developed in time for Christmas. The new **Henriette Ecke** variety has the largest "flower"-head we have ever seen, the extra bracts in the center being nearly as large as those on the outside, and it is fully as early as the common single variety, always ready in ample time for Christmas. Young plants, 50c each, \$4.50 for 10.

STENOLOBIUM smithii (Tecoma smithii) S. T. A splendid addition to the well known "Yellow Elder" Stenolobium stans. Flowers yellowish-orange, freely borne, over a long period. The plant is a smaller grower than the yellow elder. Young pot plants 35c each, \$3 for 10.

VINES AND CREEPERS

ARISTOLOCHIA galatea. T. Curious flowers shaped like a bird. Strong young plants 50c each, \$4.50 for 10.

ASPARAGUS falcatus. S. T. Sickle Thorn. A fine rare asparagus, making a very large vine. The foliage is coarse and somewhat resembles a fine cut bamboo. A splendid trellis subject. Completely covers itself in Spring with very fine misty white flowers, lovely in bouquets with other flowers. Young pot plants 50c each, \$4.50 for 10. Heavier, \$1 each, \$9 for 10. Boxed plants at \$2 each. Tubs at \$3.50 and \$5.00.

BOUGAINVILLEA Praetorius T. "Yellow Bougainvillea." A splendid new "sport" from the well-known Crimson Lake variety and resembling that sort in every way except the color of the flowers. These are a lovely golden-yellow in the younger state and deepen to a golden salmon, verging toward pink, as they mature. Color varies, as do all the bougainvilleas, according to the amount of light the plant receives. Strong tub plants for immediate delivery, \$10 each. Orders booked in rotation for young pot plants to be delivered as fast as ready at \$5 each.

GLORIOSA rothschildiana. H. A much finer form than the common *G. superba*. The flowers larger and very dark red when mature. Tubers at 50c each, \$4.50 for 10.

PHILODENDRON cordatum. T. Smaller leaved than most Philodendrons, this species is especially valuable as an indoor pot plant in hanging baskets, or ferneries, where other plants cannot live for lack of light. Small pot plants 25c each, \$2 for 10. Heavy pot plants with long runners, suitable for immediate use, 75c each, \$6.50 for 10.

P. species. Large leaved, very bizarre and curious. Somewhat resembles *Monstera deliciosa* and is similarly useful for landscape work on trees or walls and as a conservatory specimen. Young plants \$2.50 each. Tubs \$5, and \$10 each.

PORANA paniculata. Snow Creeper. T. India. A strong, shrubby climber, every branchlet terminating with a panicle of innumerable small white flowers. These hang like bunches of grapes, and are exquisite with antigonon, either grown together or in cut-flower decorations. It blooms but once a year, and then in wonderful quantity, during the autumn. Young pot plants, \$1 each.

STEPHANOTIS floribunda. T. One of the best of greenhouse climbers, with long waxy white flowers which are extremely fragrant. An exceedingly choice subject and an excellent grower, but must be guarded against the attacks of root-knot (Nematode). Strong pot plants \$1 each. Heavier, in boxes, \$1.50 each.

TECOMA ricasoliana (Pandora ricasoliana). (T. Mackenii rosea). T. One of our loveliest climbing vines. A good vigorous grower. Pale pink flowers, lightly striped with light red. Strong pot plants 50c each, \$4.50 for 10. Boxed plants \$1 each.

TETRASTIGMA harmandii. Introduced from the Philippines by the U. S. Dept. of Agriculture. Leaves with five separate leaflets, and very ornamental. Fruit said to somewhat resemble scuppernong grapes. Its greatest value, however, lies in its resistance to salt air and spray. It has proven to be one of the best vines for exposed beach positions at Palm Beach and Miami Beach. Strong pot plants 75c each, \$6.50 for 10. Boxed plants \$1.25 each.



Podocarpus elongatus



NEW BULBS AND RELATED SUBJECTS

AMARCRINUM Howardi. We are especially proud to be able to offer this interesting bi-generie hybrid originated by Messrs. Howard and Smith of Montebello, California, a few years ago. Introduced by them at \$10 per bulb, we are fortunate in having a few bulbs available at \$5 each. A cross between *Amaryllis belladonna* and one of the *Crinum*s, it has retained the lovely soft pink flowering habits of the latter.

CALADIUMS Fancy-leaved. This subject has long been a specialty with us and we believe we have now the best collection in America. If interested write for our special "Caladium List," giving prices and descriptions. These bulbs are at their best on our grounds in late May and June and we are glad to have the public visit us and see them during this time. We are listing a number of Novelty sorts this year for the first time. Prices range from 25c to \$5 each.

WINTER FLOWERING CRINUMS

The Milk and Wine lilies, known botanically as *Crinum*s, are among our choicest bulbous subjects, but unfortunately the general public is familiar only with the old fashioned purplish-pink striped sorts which bloom in summer and are not therefore particularly useful in our Winter and Spring gardens when we want to make our best effects. Starting with the introduction of the splendid pure deep rose colored variety, *Ellen Bosanquet*, some years ago, we have devoted considerable effort to this group and wish to announce this year the introduction of an entirely new class of varieties, blooming profusely in late January, February and March.

Cecil Howdyshell. A lovely soft pink shade, evenly distributed throughout the whole flower. Created and introduced by Mr. Cecil Howdyshell of LaVerne, California, for whom it has been named. Lovely in floral design work. \$3.50 each.

Giganteum. The nearest everblooming of all the *crinum*s. Pure white, large bell-shaped flowers, quite different from other *crinum*s, and the only *crinum* species, except the native *americanum*, which loves a very moist situation. \$1 each. Strong vanilla fragrance.

Longifolium Alba (Capense Alba). Pure white, medium sized flowers. Very hardy, growing as far north as Washington. D. C., with some winter protection. \$1.00 each.

Longifolium rosea (Capense rosea). Pale pink form of the above and equally hardy. \$1.00 each.

Louis Bosanquet. Like the *Ellen Bosanquet* previously introduced, this variety was originated by the late Louis Bosanquet of Fruitland Park, and has been named for him with his family's permission since his death. A very odd coloration, the central portion of the petals flushed a lovely soft pink color, but the tips and throat shading out to pure white. Should have the best of culture to develop a good flower. \$2.50 each.

Peachblow. A fine new Hybrid sort originated by Mr. T. L. Mead of Oviedo, Fla. A seedling of *C. Amabile*, the form of the flower resembles that species, but the petals are wider and of a soft even shade of creamy-pink. One of the most fragrant *Crinum*s known. \$2.50 each.

Note: With this season, we have reduced the price on the Summer-flowering, deep-rose colored Novelty *Crinum*, *Ellen Bosanquet*, from \$2 each, to \$1 each, \$9 for 10, \$80 for 100.

HIPPEASTRUM rutilum. Mixed locally with the common *H. equestre*, this is really a much superior sort, having flowers of a better shade of red, with four flowers to the spike and as many as three spikes to the bulb, where the common variety has only one or two spikes of two flowers each. Blooming size bulbs 50c each, \$4.50 for 10.

HEDYCHIUM gardnerianum. The finest of all the "Butterfly Lilies," having a very large spike of brilliant orange flowers. Strong root-divisions, 50c each, \$4.50 for 10.

IRIS savannarum. Our native *Iris* in this section, formerly referred to as *Iris hexagona*, but now believed to be more correctly known as *I. savannarum*, shows a wide variation in color, from almost pure white to the deepest royal purple. We have separated a number of types which we have named as follows:

Alba, nearly pure white. 75c each, \$6.50 for 10.

Azurea, a good shade of sky-blue. 35c each, \$3.00 for 10.

Pallida, a pale blue, verging toward the white, 50c each, \$4 for 10.

Royali, a wonderful dark royal purple shade, \$1 each.

TROPICAL FRUITS

For complete lists of Fruit Trees write for Bulletins "C," "D," and "T" on Citrus Fruits, Deciduous Fruits, and Tropical Fruits respectively. We have separate bulletins also on Avocadoes and Mangoes.

ANNONA cherimola. T. Cherimoya, or Jamaica Apple. Reputed one of the most delicious fruits of the tropics or subtropics. Young pot plants, seedlings from local trees, 50c each, \$4.50 for 10.

A. reticulata. T. Custard Apple or Bullock's Heart. A stronger grower than the preceding, though more tropical, and the fruit so sweet as to be disliked by some. Young seedling pot plants, 50c each, \$4.50 for 10.

AVERRHOA carambola "Carambola" T. Molueca Islands. A beautiful and unusual fruit, that should be better known as it makes an excellent preserve and is good to add to other fruits to make them jell. Makes a small ornamental upright tree. Small plants 50c each, \$4.50 for ten. Larger \$1 each. Four to five feet, from open ground, \$2.50 each.

BRITOA acida. T. A relative of the guava which it somewhat resembles. Intensely sour, it is very useful to combine with other fruit to make them "jell" more quickly. Makes an ornamental shrub as well. Young pot plants 50c each.

CUPANIA sapida "Akee Tree" T. A small evergreen tree with rather showy and very fragrant flowers. The white, fleshy arils upon cooking make a delicious and wholesome food, usually served with fish. Small pot plants 50c each, \$4.50 for 10. Larger, in boxes, \$1.00 each. Heavy field-grown plants \$2.50 each.

FIGS. We have a limited number of the Celeste (Sugar Fig) Variety grafted on the strong-growing wild Ficus root enabling it to resist the attacks of root knot (Nematode) to which they are very susceptible on their own roots. Box plants, \$1 each.

GUAVA. We have a full assortment of sweet and sour seedling varieties, also red and yellow Cattleys, but we wish here, to call particular attention to the newer **Calcutta Apple Guava**, a large leaved, very ornamental variety, quite useful in landscape work, and excellent for Jelly purposes. Pot plants, 50c each, \$4.50 for 10.

LITCHII chinensis. Litchee Fruit. ST. Native to China. A tree of medium growth with dense, very handsome foliage. While the fruit of the ordinary kinds is of small size and mediocre, our stock is from the finest fruiting trees. The fruit hangs in clusters, having a thin, roughened, tough skin-like rind, of a brilliant red color when ripe, and the translucent white flesh is firm and jelly-like in consistency and of exquisite refreshing flavor. Young plants, 4-inch pots, \$2.50 each, \$22.50 for 10; heavier plants, from boxes, \$3.50 each, \$32.50 for 10.

MACADAMIA ternifolia. Queensland Nut. T. Australia. Moderate sized tree, about 40 feet high, with dense, prickly, dark green foliage somewhat resembling chestnut. The hard-shelled round nuts have solid "meats" that are very rich and oily and of most delicious flavor. Four-inch pots, heavy, 75c each, \$6.50 for 10, \$60.00 for 100; larger, very heavy, \$1.50 each, \$12.50 for 10, \$100.00 for 100.

MELICocca bijuga. Ginep or Spanish Lime. T. A handsome tropical tree with evergreen, lustrous foliage and bearing large, plum-like fruits varying in quality from sweet to sub-acid. The "Mamoncillo" of Cuba where it is quite popular. Strong young plants, \$1 each, \$9 for 10.

NEPHELIUM longanum. S. T. Longan. A beautiful evergreen tree, related to the Litchee. Very sweet fruit, borne in large clusters. Nice young plants, 50c each, \$4.50 per 10. Larger, \$1.00 each, \$9.00 per ten. Boxed plants, \$1.50 each.

PINEAPPLE (Ananas sativus) T.

Abachi. An excellent home variety. Fruits not so large, but of the highest quality, and sweet. 35c each, \$3 for 10.

Porto Rico. One of the largest varieties grown and good quality as well. 50c each, \$4.50 for 10.

Red Spanish. The ordinary commercial sort so largely grown. 15c each, \$1.25 for 10, \$10 for 100.

Smooth Cayenne. The only sort without spines on the leaves. A very valuable sort, now extensively grown in the Tropics both for shipping fresh and canning. This is a fine variety for the home garden, as it bears almost any time throughout the year. 25c each, \$2 for 10, \$18 per 100.

SAPOTA (Casimiroa edulis). S. T. This is an excellent sub-tropical fruit that can be grown generally throughout South and Central Florida. Deserves more attention than it has received. The common seedling plants bear excellent fruit, but in the new "Johnson's Golden" variety developed at Homestead we have the finest thing that has yet been developed in this class.

Seedlings. Four-inch pots, 50c each, \$4.50 for 10; boxed plants, \$1.00 each, \$9.00 for 10.

Johnson's Golden. Grafted plants in boxes. \$1.50 each, \$14.00 for 10.

"Woolly-leaved" Sapota (Casimiroa tetrameria). Similar to the ordinary White Sapota but with a dark green leaf, woolly on the under side. Grafted plants, \$1.50 each.

STAR APPLE (Chrysophyllum cainito). T. A handsome tree with shining green leaves, satiny brown underneath. Fruit 2½ in. to 3 in. in diameter, of a peculiar, though very agreeable flavor. Nice young pot plants, 50c each, \$4.50 per 10.

STRYCHNOS spinosa. T. Natal Orange. South Africa. A very promising new fruit, somewhat larger than an orange, with a hard shell. The pulp is aromatic, with the consistency of a ripe banana. P. Nice plants, 75c each, \$6.50 for 10.

TAMARINDUS indica. T. Tamarind. Tropical Asia and Africa. A large, handsome tree with fine feathery foliage, making an excellent shade tree. The fruit is a brownish pod 3 to 4 inches long, containing acid pulp. Strong pot plants, \$1.00 each, \$9.00 for 10; heavier plants in boxes, \$1.50 each.



Litchee Fruit